

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-37 (Cancelled)

38. (Currently Amended) A method comprising:

locating a position of at least one calibration feature printed upon a medium;

adjusting a calibration characteristic based on the located position of the at least one calibration feature;

printing the at least one calibration feature on the medium, wherein the printing of the at least one calibration feature on the medium comprises:

inserting the medium into a printer with a first orientation;

printing a first calibration feature at a first lateral location on the medium;

reinserting the medium into the printer with a second orientation rotated 180 degrees from the first orientation; and

printing a second calibration feature at a second lateral location on the medium, wherein the first and second calibration features are printed on a same face of the medium.

39. (Canceled)

40. (Canceled)

41. (Previously Presented) The method of claim 38, wherein the first calibration feature comprises a longitudinally oriented line and wherein the second calibration feature comprises a longitudinally oriented line.

42. (Previously Presented) The method of claim 38, wherein the first and second calibration features are printed at a substantially identical position relative to a center line of the printer so that the first and second calibration features are located substantially laterally symmetrically about a center line of the medium.

43. (Previously Presented) The method of claim 38, comprising the step of printing a directional indicator prior to the reinserting step showing the second orientation for reinsertion of the medium.

44. (Canceled)

45. (Previously Presented) The method of claim 38, wherein the adjusting of the calibration characteristic based on the located position of the at least one calibration feature comprises :

locating a first position of a first calibration feature on a medium;

locating a second position of a second calibration feature on the medium; and

adjusting a lateral calibration characteristic based on the first position and the second position..

46. (Previously Presented) The method of claim 45, wherein the step of adjusting a lateral calibration characteristic comprises defining a scan center line at a location equally between the first and second positions.

47. (Currently Amended) An apparatus comprising:

a scan head;

a locator communicating with the scan head and configured to determine positions of a first calibration feature and a second calibration feature on a face of a medium; and

an adjuster configured to accept the determined position from the locator and to determine a calibration characteristic for the scan head based in part on the determined positions;

a media feed;

a print mechanism configured to accept the medium from the media feed and print the at least one calibration feature on the medium;

a first calibration target print mechanism configured to cause the print mechanism to print a first calibration feature at a first lateral location on the medium;

a medium reinsertion mechanism triggered by the first calibration target print mechanism configured to trigger reinsertion of the medium into the print mechanism reoriented by 180 degrees from an original orientation; and

a second calibration target print mechanism configured to cause the print mechanism to print a second calibration feature at a second lateral location in known relation to the first lateral location on the medium after reinsertion.

48. (Canceled)

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49. (Canceled)

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50. (Currently Amended) The apparatus of claim 47 49, wherein the medium reinsertion mechanism comprises a prompter configured to prompt reinsertion of the medium into the printer.

51. (Currently Amended) The apparatus of claim 47 49, wherein the medium reinsertion mechanism comprises a feed tray configured to rotate the medium 180 degrees from the original orientation.

52. (Currently Amended) The apparatus of claim 47 48, wherein the locator is configured to determine a first lateral feature parameter and a second lateral feature parameter of a calibration target, the first and second lateral feature parameters offset by a printer offset and wherein the adjuster is configured to accept the first and second lateral feature parameters from the locator and to determine a lateral calibration characteristic based in part on the first and second lateral feature parameters.

53. (Previously Presented) The apparatus of claim 52, wherein the adjuster is configured to determine a scan center line at a location equally between the first and second positions.

54. (Previously Presented) The apparatus of claim 52, wherein the adjuster is configured to determine the lateral calibration characteristic based in part on the known lateral relation of the first and second lateral locations.